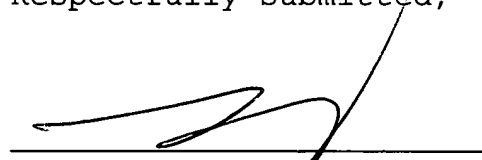


R E M A R K S

A marked-up copy of page 1 of the specification, showing the changes made, is attached.

If the Examiner has any comments, questions, objections or recommendations, the Examiner is invited to telephone the undersigned at the telephone number given below for prompt action.

Respectfully submitted,

A handwritten signature in dark ink, appearing to be 'LH', is written over a horizontal line.

LEONARD HOLTZ
Reg. No. 22,974

Frishauf, Holtz, Goodman, Langer & Chick, P.C.
767 Third Avenue - 25th Floor
New York, New York 10017-2023
(212) 319-4900

Fax No. (212) 319-5101

LH/bv

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TRANSMISSION OF DIGITAL DATA FROM A SCREEN

BACKGROUND

The present invention relates to data transmission and in particular, to
5 digital data transmission via a display device to an optical receiver.

The idea of transmission of data from a screen is well known and covered
by numerous patents, such as described for example, in US Patents Nos. 5,
✓ 488,571, 5,535,147 and ~~6,852,615~~ to Jacobs et al., 5,570,297 to Brzezinski et al.,
✓ 5,652,602 to Fishman et al., 5,801,664 to Seidensticker et al., ~~6,852,615~~ to Holo et
10 al., that all contain lists of further inventions and additional citations, all enclosed
herewith in whole by incorporation.

However, none of those listed inventions is able to operate a receiver with
other than CRT-driven screens. None of those disclosed patents are thus operable
with LCD-screens, OLED screens, backlit screens, and plasma screens. Since the
15 archaic CRT technology may soon become obsolete, there is thus an increasing
need to provide an improved capability for digital transmission able to function
with all the screens presently on the market.

Moreover, the above-mentioned patents do not provide for the
communication of data from an image of a screen. There is thus no way to use a
20 receiver to capture information from a projection of a screen.

SUMMARY

A method, an apparatus and a system are presented to enable the
transmission of digital data from either a CRT, or LCD, or any other available
screen, in operative association with an appropriate receiver.

25 In parallel, a way for a receiver to capture data from an image of a screen,
such as a projection thereof, is also divulged.

Furthermore, there is disclosed a mode of operation facilitating the
communication of digital data from a transmitter screen, without requiring the
dedication of the entire display area of the screen of the display device to that end.

30 There is provided a transmission method for transmitting digital data from
a transmitter to a receiver. the transmitter comprising a screen and the method
comprising the steps of displaying the digital data on the screen as a succession of